

21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures

U.S. Government, Department of Defense, U.S. Army



<u>Click here</u> if your download doesn"t start automatically

21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures

U.S. Government, Department of Defense, U.S. Army

21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems,

Countermeasures U.S. Government, Department of Defense, U.S. Army

This Worldwide Equipment Guide (WEG) describes the spectrum of worldwide systems and system trends in the Contemporary Operational Environment (COE), serving as an authoritative "encyclopedia" of weapons around the world. This is the newest edition revised in 2011. This handbook is one of a series that describes a contemporary Opposing Force (OPFOR) for training U.S. Military commanders, staffs, and units. Together, these handbooks outline an OPFOR than can cover the entire spectrum of military and paramilitary capabilities against which the U.S. Military must train to ensure success in any future conflict.

Part Two of Volume Two covers air, air defense, improvised aerial systems, countermeasures.

Airship Support to Air Defense - Airships ("lighter-than-air" craft) have been used in warfare since the 1800s, when balloons offered elevated platforms for military observers. Airships are increasingly used in civilian venues and offer capabilities for military use, including air defense. Roles include support to communications, with airship lift for longer range antennae, and airborne mounting of communications retransmission systems. AD electronic warfare and RISTA units can use aerostats to raise recon systems. A simple method would be to attach a jammer round on a cable. A GPS jammer could be mounted on a vehicle-based aerostat or a dirigible moving within protected zones.

Partial contents: Airship Support to Air Defense * Short Range Air Defense (SHORAD) * Recent Developments in Very Short Range AD * Adaptive Weapons for AD in Close Terrain * Antihelicopter Mines for Use in Air Defense * Helkir Antihelicopter mine * Table: Antihelicopter mines * Air Defense and Other Counters to UAVs * Air Defense/Antitank (ADAT) Vehicles * AD Gun and Gun/Missile Technology Trends * Towed Antiaircraft (AA) Guns * GDF-003/-005 and Skyguard III 35-mm * M1939 37-mm * KS-19M2 100-mm * S-60 57-mm Towed * Type 65 37-mm * ZPU-4 14.5-mm Heavy Machinegun * ZU-23 23mm * Self-Propelled AA Gun System * BTR-ZD 23-mm SPAAG/Imp Gun-Missile System * Gepard 35mm SPAAG * ZSU-23-4 23-mm SPAAG/Imp Gun/Missile Sys * ZSU-57-2 57-mm SPAAG * Man-Portable Surface-to-Air Missiles (SAMs) * SA-7b/GRAIL * SA-14/GREMLIN * SA-16/GIMLET * SA-18/GROUSE and SA-24/Igla-S * Starstreak High Velocity Missile * Stinger * Albi MANPADS Launcher Vehicle/Mistral * SHORAD SAM Systems * 2S6M1 30-mm SP AA Gun/Missile System * Pantsir-S1 30mm SP AA Gun/Missile System * Crotale 5000 and FM-90 * Crotale-New Generation * SA-8b/GECKO Mod 1 * SA-9/GASKIN * SA-13b/GOPHER * SA-15b/GAUNTLET * Medium Range Air Defense (MRAD) * Recent Developments in MRAD Systems * Aspide 2000 (Skyguard) * SA-2/GUIDELINE * SA-3/GOA, Pechora-2M * SA-4b/GANEF Mod 1 * SA-6/GAINFUL and SA-6b/GAINFUL Mod 1 * SA-11/GADFLY * Buk-M1-2 (SA-11 FO) and SA-17/GRIZZLY * Long Range Air Defense (LRAD) * Recent Developments in LR and High Alt AD * SA-5/GAMMON * S-300P Series Strategic Systems Comparison * SA-10b/GRUMBLE * SA-10c/GRUMBLE (export) * SA-12a and SA-12b, Antey-2500, and SA-21b * SA-20a/GARGOYLE * SA-20b/Favorit Universal Sam System * SA-21a/GROWLER/S-400 Sam System *

CHAPTER 7 - IMPROVISED AERIAL SYSTEMS * Airships in Military Applications * RC Aircraft * Powered Parachutes and Wingsuits * Ultra-light Aircraft * CHAPTER 8 - EQUIPMENT UPGRADES * Table: Aerodynamic Systems Upgrades * Table: Air Defense System Upgrades * CHAPTER 9 -COUNTERMEASURES * Table: Lethality Component vs. Countermeasure * Table: Countermeasure vs. Sensors * Table: Countermeasure vs. Weapons * Table: Countermeasures by Functional Area * CHAPTER 10 - EMERGING TECHNOLOGY TRENDS * Technologies and Environments * Table: Technologies and Applications * Projected OPFOR Capabilities Near/Mid-Term * Military Technology Trends 2021

Download 21st Century U.S. Military Manuals: Opposing Force ...pdf

Read Online 21st Century U.S. Military Manuals: Opposing For ...pdf

Download and Read Free Online 21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures U.S. Government, Department of Defense, U.S. Army

From reader reviews:

Carl Carrillo:

Often the book 21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures has a lot associated with on it. So when you make sure to read this book you can get a lot of profit. The book was published by the very famous author. The author makes some research prior to write this book. This kind of book very easy to read you may get the point easily after looking over this book.

Joseph Asher:

People live in this new day time of lifestyle always try to and must have the spare time or they will get great deal of stress from both daily life and work. So, once we ask do people have extra time, we will say absolutely of course. People is human not really a huge robot. Then we consult again, what kind of activity do you possess when the spare time coming to an individual of course your answer will unlimited right. Then do you ever try this one, reading publications. It can be your alternative inside spending your spare time, often the book you have read is actually 21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures.

John Dumas:

In this particular era which is the greater individual or who has ability in doing something more are more treasured than other. Do you want to become among it? It is just simple strategy to have that. What you have to do is just spending your time not much but quite enough to experience a look at some books. Among the books in the top listing in your reading list is actually 21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures. This book which can be qualified as The Hungry Mountains can get you closer in turning into precious person. By looking up and review this book you can get many advantages.

David Moore:

You will get this 21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures by browse the bookstore or Mall. Just simply viewing or reviewing it could to be your solve challenge if you get difficulties for ones knowledge. Kinds of this publication are various. Not only simply by written or printed but additionally can you enjoy this book by simply e-book. In the modern era just like now, you just looking because of your mobile phone and searching what their problem. Right now, choose your own ways to get more information about your e-book. It is most important to arrange you to

Download and Read Online 21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures U.S. Government, Department of Defense, U.S. Army #DSOPNRET6CV

Read 21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures by U.S. Government, Department of Defense, U.S. Army for online ebook

21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures by U.S. Government, Department of Defense, U.S. Army Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read 21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures by U.S. Government, Department of Defense, U.S. Army books to read online.

Online 21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures by U.S. Government, Department of Defense, U.S. Army ebook PDF download

21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures by U.S. Government, Department of Defense, U.S. Army Doc

21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures by U.S. Government, Department of Defense, U.S. Army Mobipocket

21st Century U.S. Military Manuals: Opposing Force Worldwide Equipment Guide (WEG) Volume 2: Airspace and Air Defense Systems (Part 2) - Air Defense, Improvised Aerial Systems, Countermeasures by U.S. Government, Department of Defense, U.S. Army EPub